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60/388,066 11 June 2002 (11.06.2002) US(71) Applicant (for all designated States except US): MERCK
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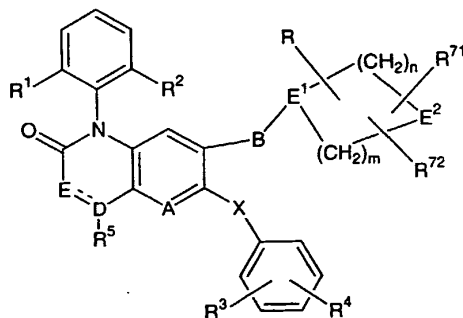
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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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ance Notes on Codes and Abbreviations" appearing at the begin-
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(54) Title: (HALO-BENZO CARBONYL)HETEROBICYCLIC P38 KINASE INHIBITING AGENTS



(I)

(57) Abstract: Compounds described by the chemical formula (I)
or pharmaceutically acceptable salts thereof: (I) are inhibitors of p38
and are useful in the treatment of inflammation such as in the treat-
ment of rheumatoid arthritis, rheumatoid spondylitis, osteoarthritis,
gouty arthritis and other arthritic conditions; inflamed joints,
eczema, psoriasis or other inflammatory skin conditions such as sun-
burn; inflammatory eye conditions including conjunctivitis; pyresis,
pain and other conditions associated with inflammation.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/17821

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/555, 31/44, 445; C07D 213/00, 221/02, 221/18, 471/02, 513/02
US CL : 514/186, 299, 300, 318, 332; 546/1, 26, 112, 113, 122

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/23

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	NATARAJAN et al. p38 MAP Kinase Inhibitors. Part 1: Design and Development of a New Class of Potent and Highly Selective Inhibitors Based on 3,4-Dihydropyrido[3,2-d]pyrimidone Scaffold. Bioorg. Med. Chem. Letters. 2003, Vol. 13, pages 273-276, see entire document.	1-18
X,E	FITZGERALD et al. Structural Basis for p38 alpha MAP Kinase Quinazolinone and Pyridol-Pyrimidine Inhibitor Specificity. Nature Struct. Biol. September 2003, Vol. 10, No. 9, pages 764-769, see entire document.	1-18

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "Z" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
REG, HCAOLD, USPATFULL, USPAT2, HCAPLUS
search terms: inventor names, structure search, diazabicycl?, azabicyclo.